

**From:** [REDACTED]  
**To:** [REDACTED]  
**Subject:** RE: AMI 221R sensor replacement, Ohio University  
**Date:** Tuesday, June 22, 2021 5:48:16 PM  
**Attachments:** [image002.png](#)

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[REDACTED]

I understand. If the remote probe is bad then the whole unit essentially not operable. The sensor inside the probe has an estimated 10 year life span, some make it to 6-7 years some 12. They all vary.

You can always keep a spare on the shelf I suppose. When the sensor isn't in use, it's not actually being consumed so you could do that.

All of our sensors have a span factor, you could check a sensors span factor through the command center software. Typically when a sensor has a span factor close to 1000 its at the end of its life.

Best,

[REDACTED]  
[REDACTED]  
  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, June 22, 2021 2:05 PM  
**To:** [REDACTED]  
**Subject:** RE: AMI 221R sensor replacement, Ohio University

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[REDACTED]

Mostly I'm trying to plan for the future. I hate to run the risk of losing out on a safety system while we send something in for repair. Do the remote probes have a shelf life? Would it make sense for us to keep one on the shelf as a spare, in the event that something goes wrong?

Also, how can we tell when a sensor is beginning to fail, or has failed? Should we be monitoring some trends in the command center software?

[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, June 22, 2021 5:03 PM  
**To:** [REDACTED]  
**Subject:** RE: AMI 221R sensor replacement, Ohio University

[REDACTED]

That's correct! But my thinking would be to send the entire thing in so we can make sure everything is working perfectly.

Best,



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**From:** [REDACTED]  
**Sent:** Tuesday, June 22, 2021 1:56 PM  
**To:** [REDACTED]  
**Subject:** RE: AMI 221R sensor replacement, Ohio University

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[REDACTED]

Thanks for your quick reply. Just to make absolutely sure, if we have a need for sensor replacement, the piece to return is this one?



[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, June 22, 2021 4:49 PM  
**To:** [REDACTED]  
**Subject:** RE: AMI 221R sensor replacement, Ohio University

[REDACTED]

Good afternoon Sir!

For the unit there pictured. That's our 221R with remote probe. The sensor is located in the black probe which is attached to a 12' RS485 cable that connects it to the device.

Can you send me a pic of what you're looking to return for repair. Does the device have a serial # as well?

Please let me know what I can do to help. Have a great day!

Best,



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**From:** [REDACTED]  
**Sent:** Tuesday, June 22, 2021 1:42 PM  
**To:** [REDACTED]  
**Subject:** AMI 221R sensor replacement, Ohio University

**\*\*CAUTION\*\*** This email message originated outside of the organization. Please exercise care when opening attachments or web links.

[REDACTED]

I got your information from [REDACTED], who you recently worked with on purchasing two AMI Model 221r oxygen deficiency monitors. After reading through his correspondence with you, I'm still unclear on the sensor replacement. Is the Zirconium sensor located in the head unit, or in the remote probe? Can you circle on the picture below (lifted from your website) which pieces need to be returned to you folks to do a sensor replacement?



[REDACTED]